

Table A-16. Federal funds for industrial R&D performance in the U.S., by selected Federal agency and selected industry: 1999-2001

Industry and Federal agency	NAICS codes	1999 ¹	2000	2001 ²
		[In millions of dollars]		
All agencies		22,535	19,118	16,899
Chemicals	325	194	150	180
Machinery	333	399 (S)	41	67
Computer and electronic products	334	5,993	5,544	5,848
Electrical equipment, appliances, and components	335	(D)	(D)	301 (S)
Motor vehicles, trailers, and parts	3361-63	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	716	(D)	(D)
Aerospace products and parts	3364	9,117	6,424	3,785
Other industries ³	--	5,686	5,992	5,543
DoD				
Total		11,650 (S)	11,142 (S)	9,959
Chemicals	325	81 (S)	(D)	36 (S)
Machinery	333	(D)	1 (S)	5
Computer and electronic products	334	5,481 (S)	5,108	5,280
Electrical equipment, appliances, and components	335	(D)	(D)	(D)
Motor vehicles, trailers, and parts	3361-63	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	(D)	(D)	(D)
Aerospace products and parts	3364	4,076	2,733 (S)	2,042 (S)
Other industries ³	--	1,322 (S)	2,435	1,862
NASA				
Total		1,469 (S)	1,328 (S)	1,071
Chemicals	325	(D)	0	0
Machinery	333	(D)	0 (S)	(D)
Computer and electronic products	334	267 (S)	(D)	272
Electrical equipment, appliances, and components	335	(D)	(D)	(D)
Motor vehicles, trailers, and parts	3361-63	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	(D)	(D)	0
Aerospace products and parts	3364	566	314	274 (S)
Other industries ³	--	457 (S)	554	447
DOE				
Total		2,209	1,455	1,253
Chemicals	325	(D)	19 (S)	17 (S)
Machinery	333	(D)	28 (S)	(D)
Computer and electronic products	334	(D)	0	5
Electrical equipment, appliances, and components	335	(D)	(D)	34
Motor vehicles, trailers, and parts	3361-63	(D)	(D)	(D)
Other transportation equipment	336 minus (3361-64)	0	0	0
Aerospace products and parts	3364	1,778	1,234	191 (S)
Other industries ³	--	255 (S)	159	968

¹ Some statistics for 1999 have been revised since originally published.

² Beginning with 2001, statistics for total and Federally funded industrial R&D exclude data for Federally Funded Research and Development Centers (FFRDCs).

³ For 1999 and 2000, estimates for all manufacturing companies with at least 5 but with fewer than 50 employees and nonmanufacturing companies with at least 5 but with fewer than 15 employees are combined with those for companies in "Other industries" without regard to industry classification.

KEY: (D) = Data have been withheld to avoid disclosing operations of individual companies.
(S) = Indicates imputation of more than 50 percent.
(-) = All NAICS codes other than those specified

NOTES: Data for DoD, NASA, and DOE do not sum to the totals because the data reported by other Federal agencies are included in the totals but are not shown separately. In addition, Federal R&D data collected on the Form RD-1A are not allocated by agency type.

During data collection, if exact figures were not available, respondents were asked to estimate or apportion R&D costs according to the number of scientists and engineers working on Federal projects and/or the costs of Federal programs. Consequently, statistics in this table may be based on such estimates.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Industrial Research and Development: 2001